

STATEMENT OF BASIS

BOSTON HARBOR WASTEWATER TREATMENT PLANT NPDES PERMIT NO. WA0040291

The purpose of this Statement of Basis is to explain the need to modify the discharge permit and provides the basis for changes to its limitations and conditions.

I. GENERAL INFORMATION

Permittee: Boston Harbor Wastewater Treatment Plant
Thurston County Public Works
7110 Boston Harbor Road
Olympia, Washington 98502

Discharge Location: Dana Passage, Puget Sound
Latitude: 46° 08' 30" N
Longitude: 122° 54' 27" W

II. REQUEST FOR MODIFICATION

On July 14, 2005, Thurston County submitted to the Washington State Department of Ecology (Department) a second addendum to the approved engineering report titled *Boston Harbor WWTP Improvements Engineering Report*. The second addendum requested the influent criteria for Biochemical Oxygen Demand (BOD) loading for the maximum month be increased from 100 lbs/day to 110 lbs/day and the influent criteria for Total Suspended Solids (TSS) loading for the maximum month be increased from 30 lbs/day to 60 lbs/day. No increases in permitted flows or effluent loadings were requested. Pursuant to Revised Code of Washington (RCW) 90.48.110 and Washington Administrative Code (WAC) 173-240-030, the second addendum was reviewed and approved by the Department.

In order for the changes in approved loadings to take effect, the discharge permit must be modified. Modifications made to the permit include changing the treatment facility design criteria listed in Special Condition S4.A. This change will allow the plant to accept additional influent loadings and allow additional connections within the existing sewer service area. This change does not allow any additional pollutant loadings to be discharged to Puget Sound.

This Statement of Basis will serve as an amendment to the Fact Sheet and Permit.